



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Preventing Corrosion Degradation in a Fluid-Based Switch																																																						
<p>Application Number: 10/630172</p> <p>Confirmation Number: 7650</p> <p>First Named Applicant: Arthur Fong</p> <p>Attorney Docket Number: 10020434</p> <p>Search string: (2312672 or 2564081 or 3430020 or 3529268 or 3600537 or 3639165 or 3657647 or 4103135 or 4200779 or 4238748 or 4245886 or 4336570 or 4419650 or 4434337 or 4475033 or 4505539 or 4582391 or 4628161 or 4652710 or 4657339 or 4742263 or 4786130 or 4797519 or 4804932 or 4988157 or 5278012 or 5415026 or 5502781 or 5644676 or 5675310 or 5677823 or 5751074 or 5751552 or 5828799 or 5841686 or 5849623 or 5874770 or 5875531 or 5886407 or 5889325 or 5912606 or 5915050 or 5972737 or 5994750 or 6021048 or 6180873 or 6201682 or 6207234 or 6212308 or 6225133 or 6278541 or 6304450 or 6320994 or 6323447 or 6351579 or 6356679 or 6373356 or 6396012 or 6396371 or 6408112 or 6446317 or 6453086 or 6470106 or 6487333 or 6501354 or 6512322 or 6515404 or 6516504 or 6559420 or 6633213 or 20020037128 or 20020146197 or 20020150323 or 20020168133 or 20030035611).pn.</p>																																																							
<p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>2312672</td><td>1943-03-02</td><td>C.E. Pollard, Jr.</td><td></td><td></td><td></td></tr><tr><td>2</td><td>2</td><td>2564081</td><td>1951-08-14</td><td>L.J. Schilling</td><td></td><td></td><td></td></tr><tr><td>3</td><td>3</td><td>3430020</td><td>1969-02-25</td><td>R. Von Tomkewitsch, et al.</td><td></td><td></td><td></td></tr><tr><td>4</td><td>4</td><td>3529268</td><td>1970-09-15</td><td>U. Rauterberg</td><td></td><td></td><td></td></tr><tr><td>5</td><td>5</td><td>3600537</td><td>1971-08-17</td><td>Robert H. Twyford</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	1	1	2312672	1943-03-02	C.E. Pollard, Jr.				2	2	2564081	1951-08-14	L.J. Schilling				3	3	3430020	1969-02-25	R. Von Tomkewitsch, et al.				4	4	3529268	1970-09-15	U. Rauterberg				5	5	3600537	1971-08-17	Robert H. Twyford			
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6	3639165	1972-02-01	John R. Rairden, III
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37	5874770	1999-02-23	Richard Joseph Saia, et al.
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52	6304450	2001-10-16	Joseph Ted Dibene, II, et al.
53	6320994	2001-11-20	David K. Donald, et al.
54	6323447	2001-11-27	You Kondoh, et al.
55	6351579	2002-02-26	James W. Early, et al.
56	6356679	2002-03-12	Narinder S. Kapany
57	6373356	2002-04-16	Adolfo O. Gutierrez, et al.
58	6396012	2002-05-28	Rodger E. Bloomfield
59	6396371	2002-05-28	Robert D. Streeter, et al.
60	6408112	2002-06-18	Frank Bartels
61	6446317	2002-09-10	David G. Figueroa, et al.
62	6453086	2002-09-17	Eric P. Tarazona
63	6470106	2002-10-22	Paul H. McClelland, et al.
64	6487333	2002-11-26	Julie E. Fouquet
65	6501354	2002-12-31	Adolfo O. Gutierrez, et al.
66	6512322	2003-01-28	Arthur Fong, et al.
67	6515404	2003-02-04	Marvin Glenn Wong
68	6516504	2003-02-11	Leonard W. Schaper
69	6559420	2003-05-06	Sasko Zarev
70	6633213	2003-10-14	Lewis R. Dove

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	20020037128	2002-03-28	Gerardus Johannes Burger, et al.				
2	20020146197	2002-10-10	Yoon-Joong Yong				

<i>MB</i>	3	20020150323	2002-10-17	Naoki Nishida, et al.
<i>MB</i>	4	20020168133	2002-11-14	Takeshi Saito
<i>MB</i>	5	20030035611	2003-02-20	Youchun Shi

Signature

Examiner Name	Date
<i>Michael Q. Svedhafer</i>	<i>5/27/04</i>



PATENT APPLICATION
Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10020434-1

SERIAL NO.

10/630,172

APPLICANT

Arthur Fong, et al.

FILING DATE

07/30/2003

GROUP

2832

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
				YES	NO
<i>MB</i>	JP8-125487	May 17, 1996	Kinseki		x
	JP9-161640	Jun 20, 1997	Buuiyan Chiyoi, et al		x
	JP62-276838	Dec 1, 1987	unknown		x
	JP36-18575	Oct 6, 1961	unknown		x
<i>MB</i>	SHO47-21645	Oct 4, 1972	Kunio Ono	x	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Kim, Joonwon, et al., "A Micromechanical Switch With Electrostatically Driven Liquid-Metal Droplet", Sensors and Actuators, A: Physical v 9798, April 1, 2002, 4 pages

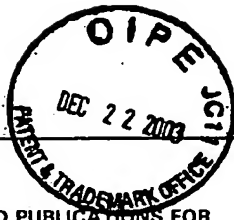
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Michael B. Ziedhofer

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* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)



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<i>MB</i>	EP0593836 A1	Apr 27, 1994	IBM Corporation	x	
	FR2418539	Sep 21, 1979	Orega Circuits & Communication		x
	FR2458138	Dec 26, 1980	Socapex		x
	FR2667396	Apr 3, 1992	Cathignol Dominique		x
<i>MB</i>	JP63-294317	Dec 1, 1988	unknown		x

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<i>MB</i>	TDB-ACC-NO: NB8406827, "Integral Power Resistors For Aluminum Substrate", IBM Technical Disclosure Bulletin, June 1984, US, Vol 27, Issue No. 1B, pg 827
	Bhedwar, Homi C., et al., "Ceramic Multilayer Package Fabrication", Electronic Materials Handbook, November 1989, pp 460-469, Volume 1 Packaging, Section 4: Packages
<i>MB</i>	Simon, Jonathan, et al., "A Liquid-Filled Microrelay With a Moving Mercury Microdrop", Journal of Microelectromechanical Systems, September 1997, pp 208-216, Vol. 6, No. 3

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